



PATENT
Atty Docket No. 28944/36657

#4
H. Lee
4-17-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):)	Title: Method and System of
)	Iteratively Detecting and Decoding
Antoine Berthet)	Received Symbols, Coupled with
)	Re-estimation of the Coefficients
Serial No: 09/636,237)	of the Transmission Channel.
)	
Filed: August 10, 2000)	

TRANSMITTAL OF FORMAL DRAWINGS

Assistant Commissioner of Patents
Washington, D.C. 20231

Attention: Official Draftsman

Sir:

Enclosed herewith are nine (9) sheets of formal drawings for substitution in the above-referenced application.

Respectfully submitted,

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By:

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CERTIFICATE OF MAILING (37 CFR 1.8)

I hereby certify that this paper and the documents referred to as enclosed therewith are being deposited with the United States Postal Service as first class mail, postage prepaid, on **November 8, 2000**, in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

William E. McCracken

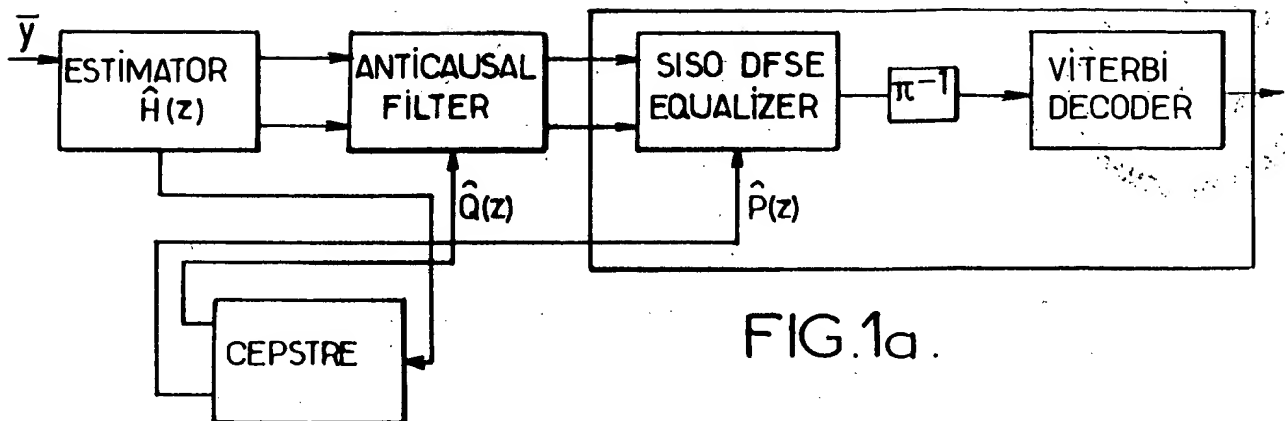
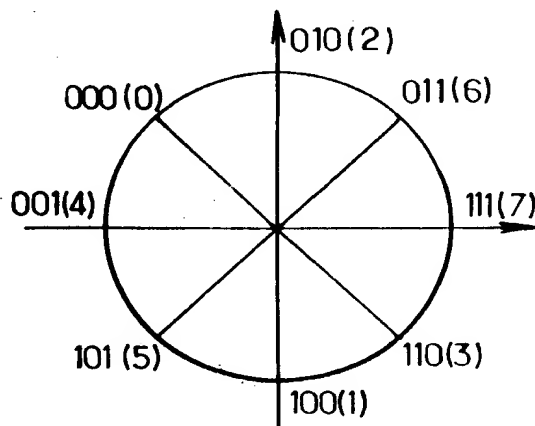
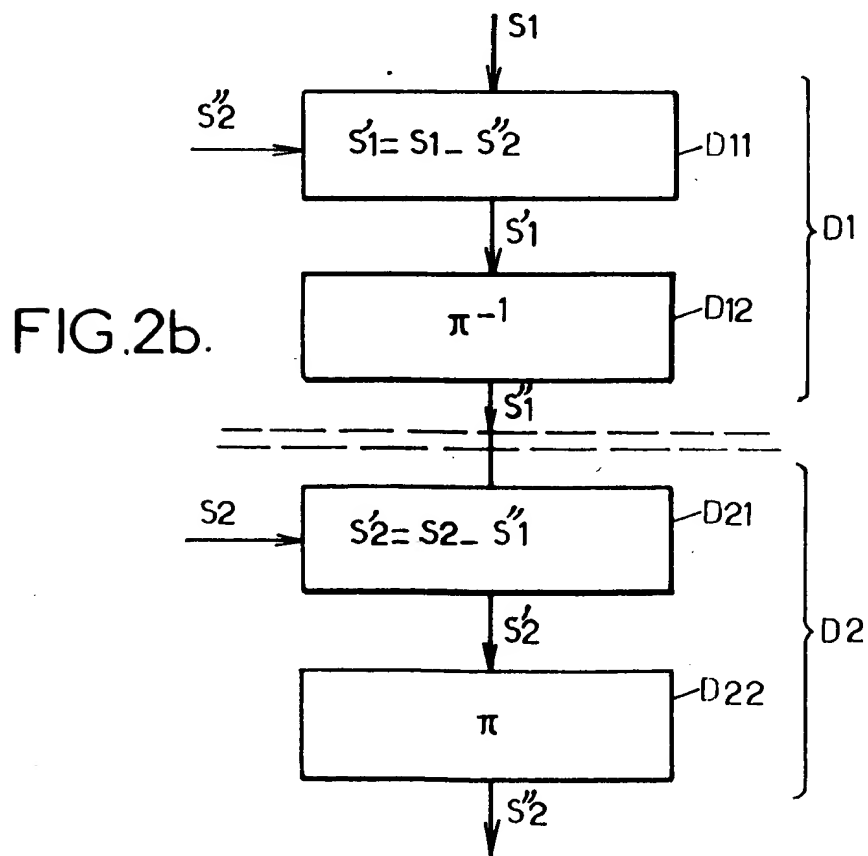
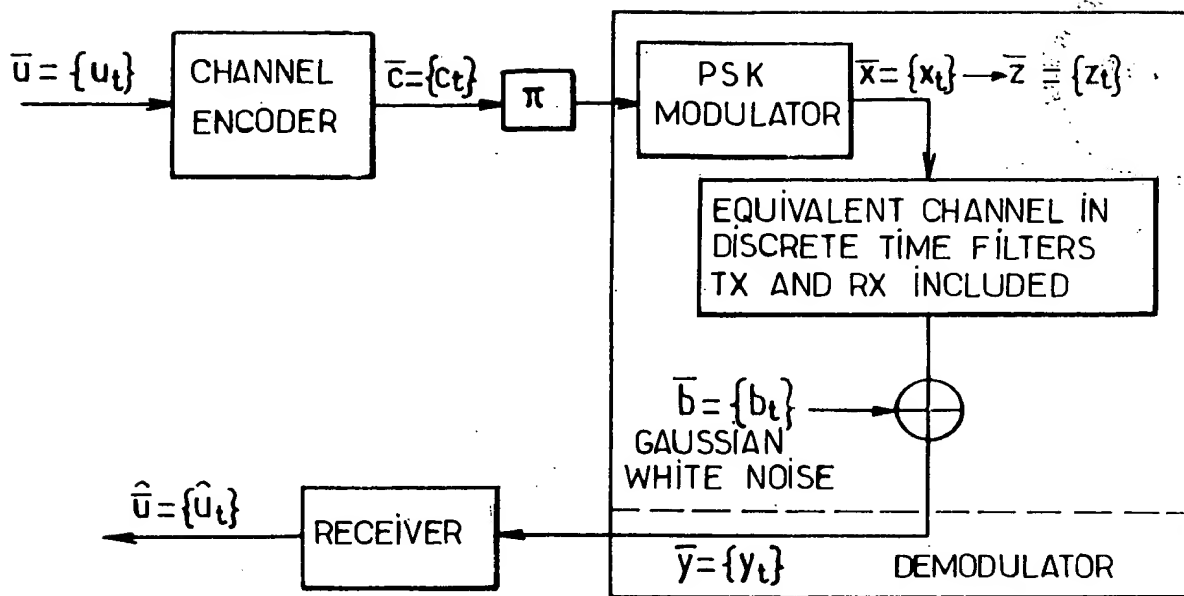


FIG. 1b.
(PRIOR ART)



3 TAIL SYMBOLS	57 DATA SYMBOLS	26 LEARNING (CAZAC) SYMBOLS	57 DATA SYMBOLS	3 TAIL SYMBOLS	9 HOLD SYMBOLS
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FIG. 1c.
(PRIOR ART)



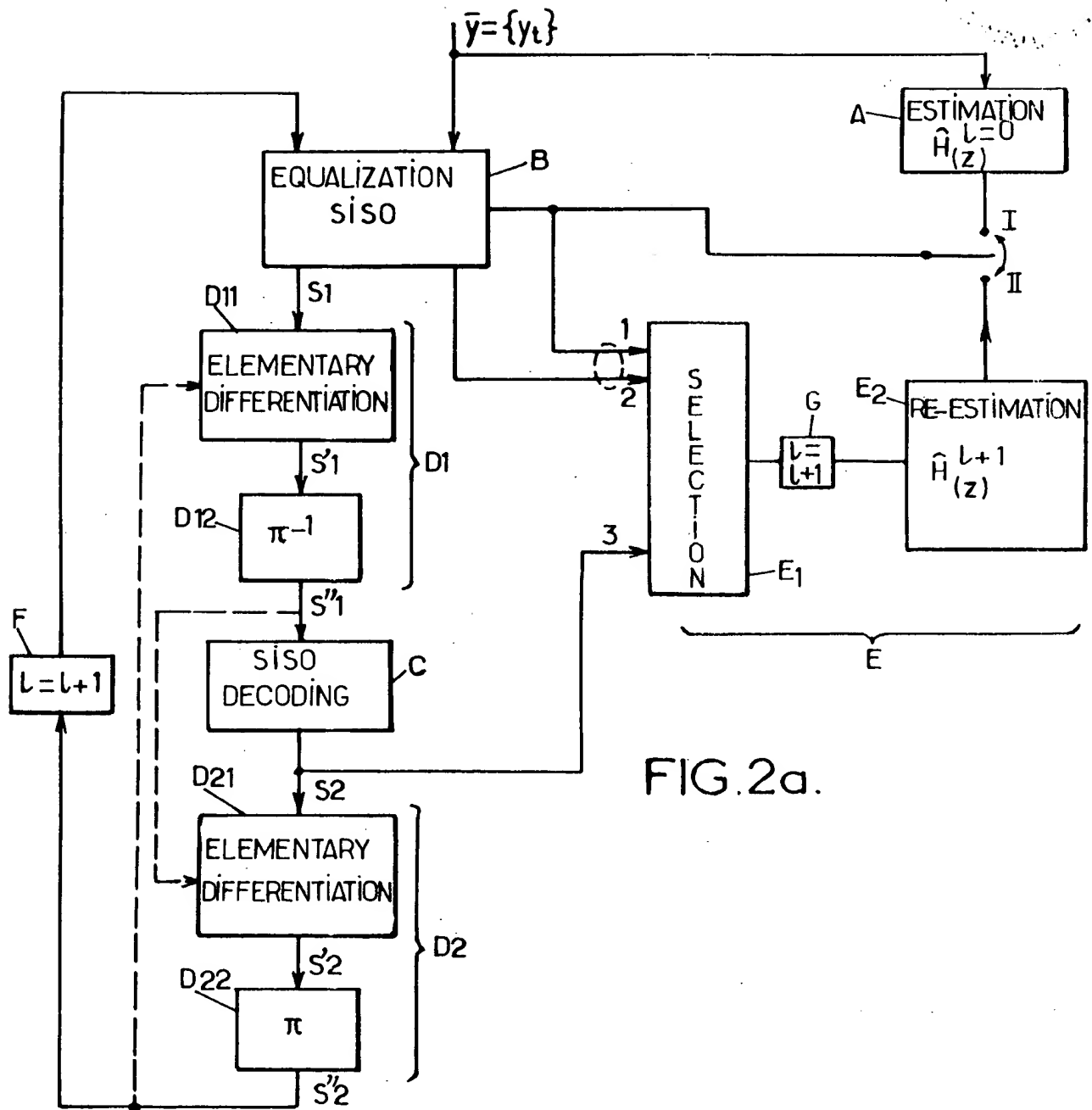


FIG.2a.

FIG. 2C :DDFSE+B_ST

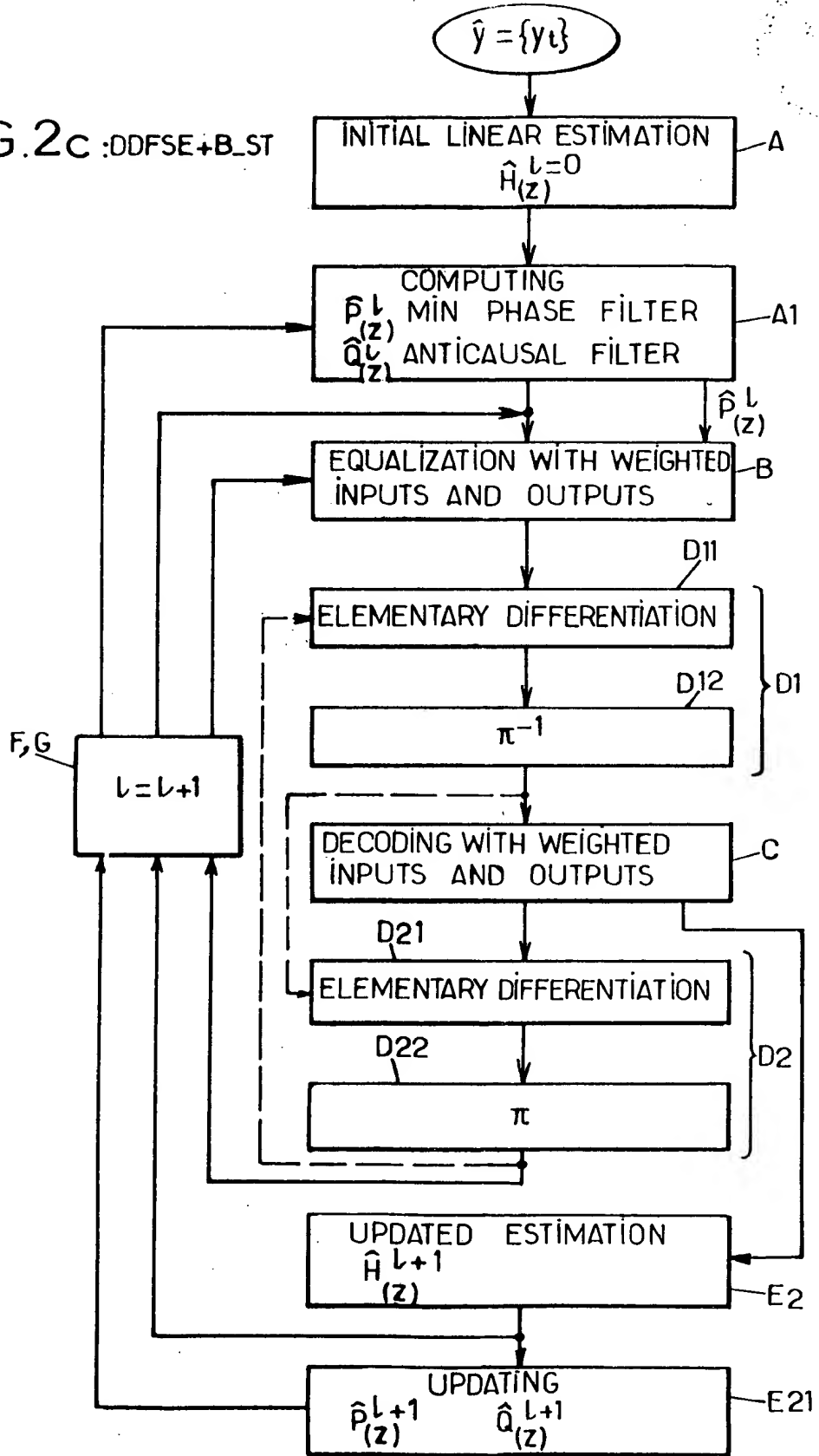
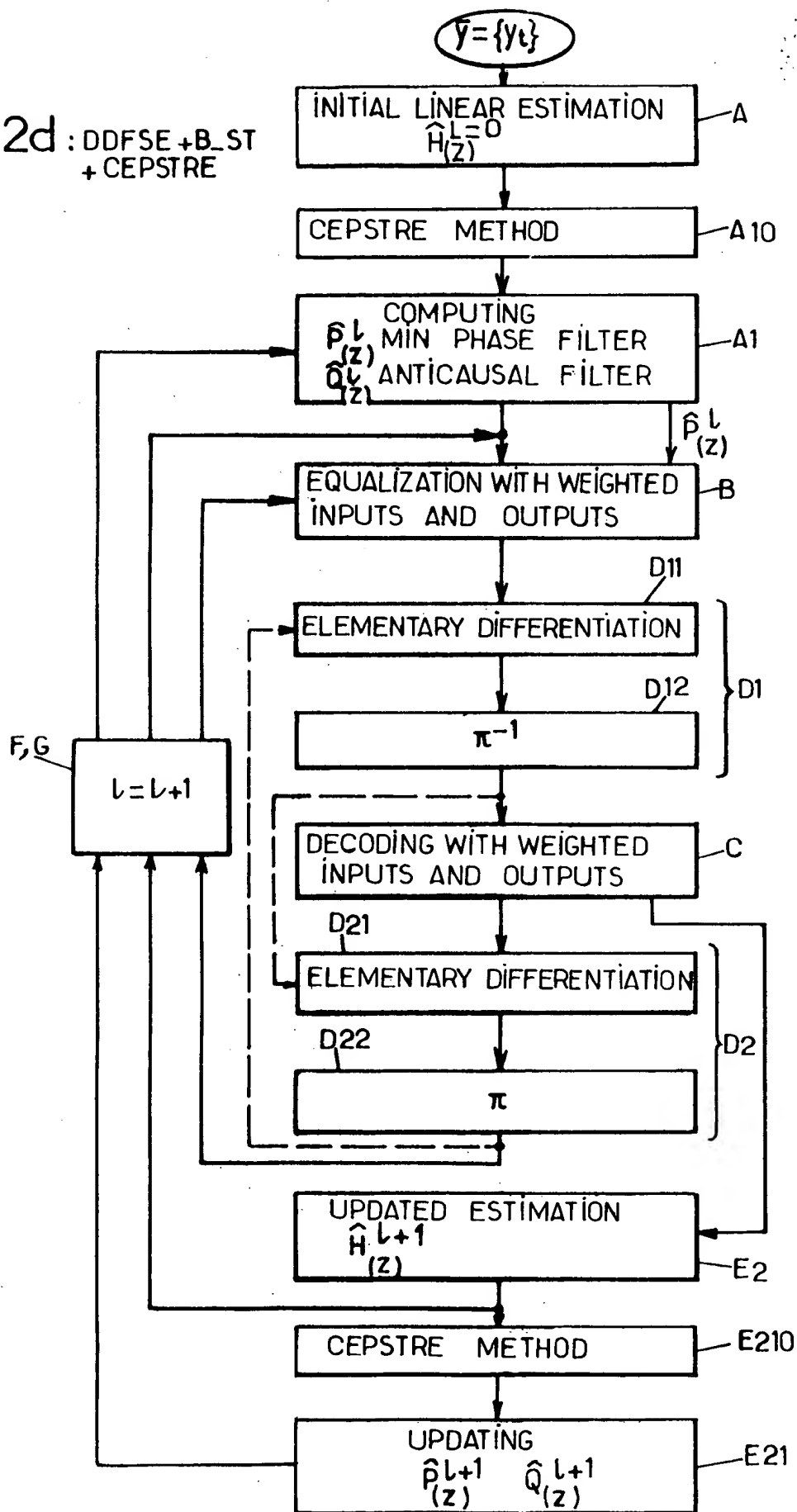


FIG.2d : DDFSE+B-ST
+ CEPSTRE



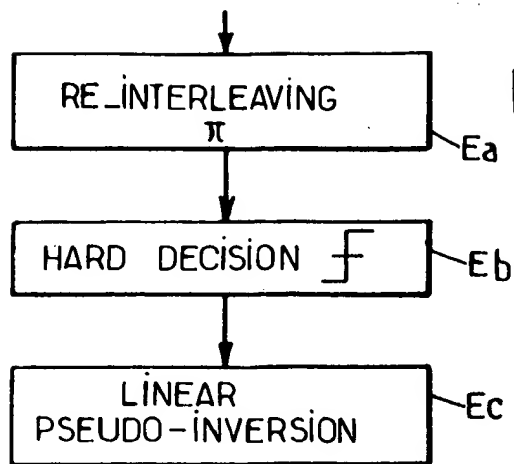
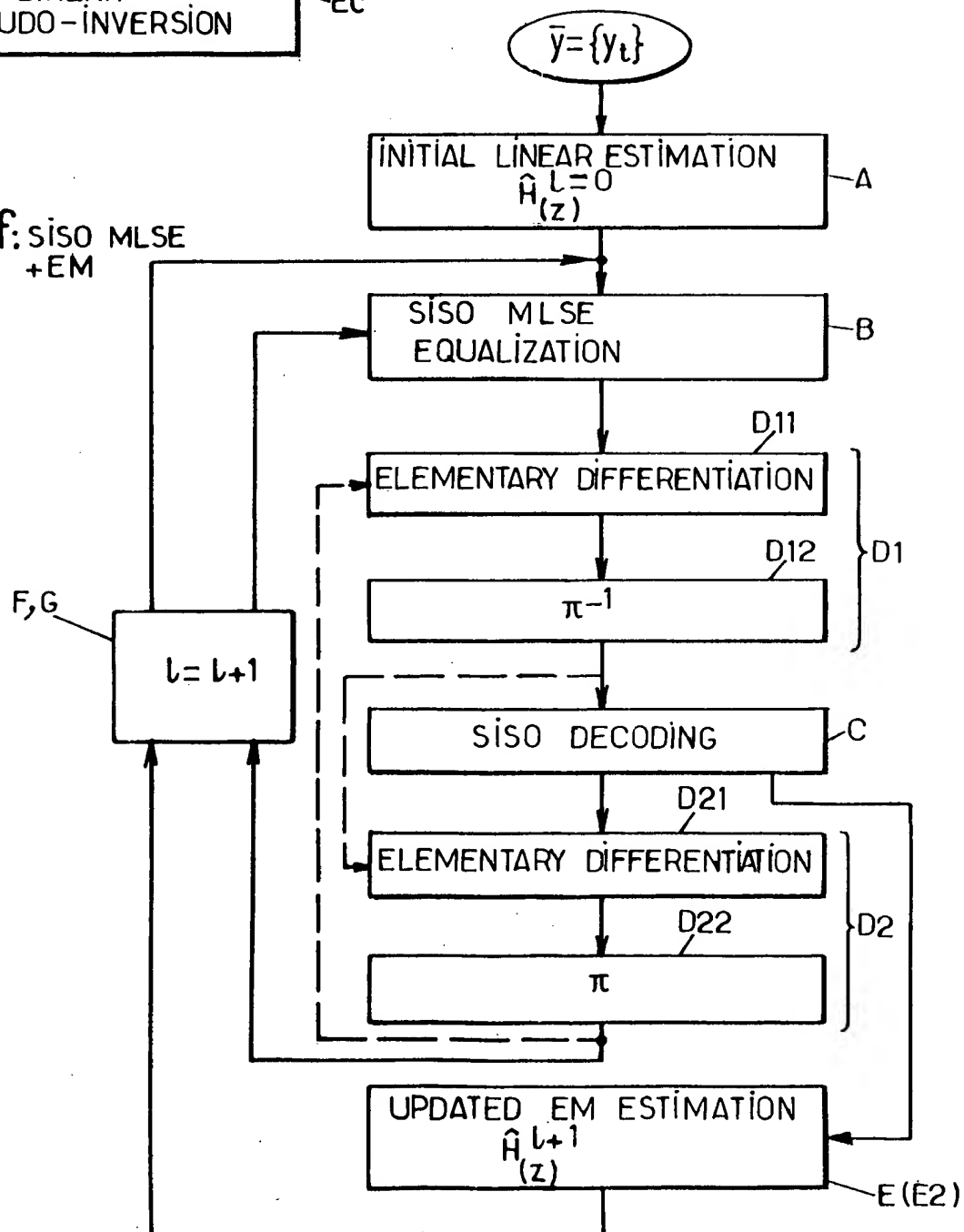


FIG. 2f: SISO MLSE + EM



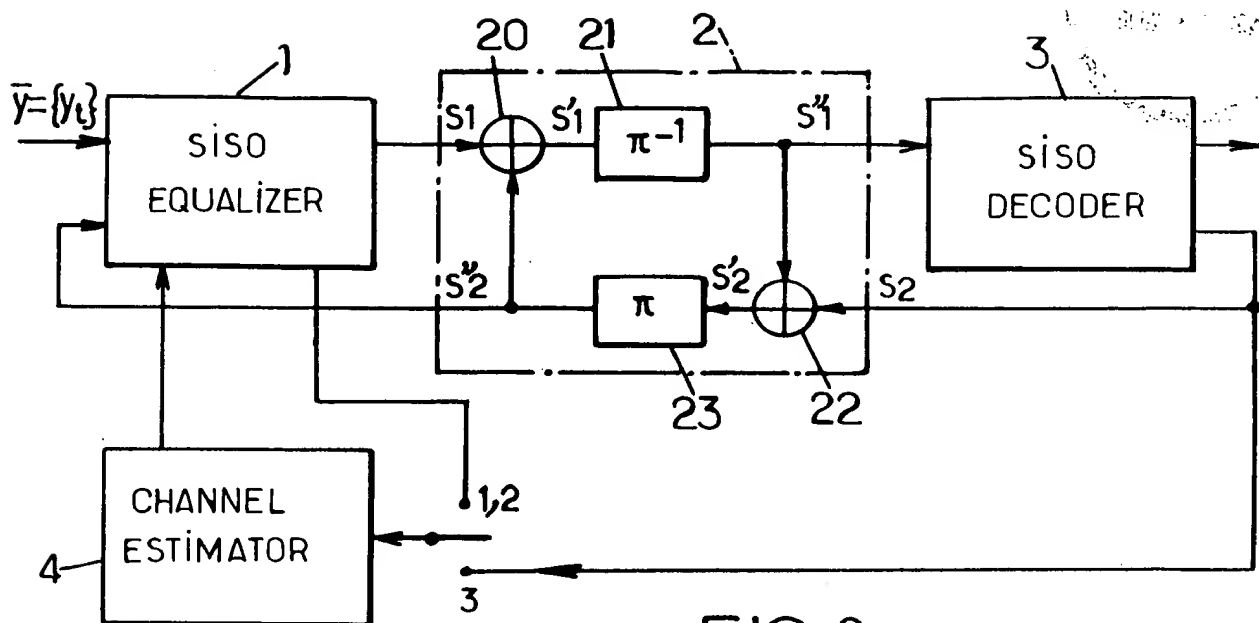


FIG. 3a.

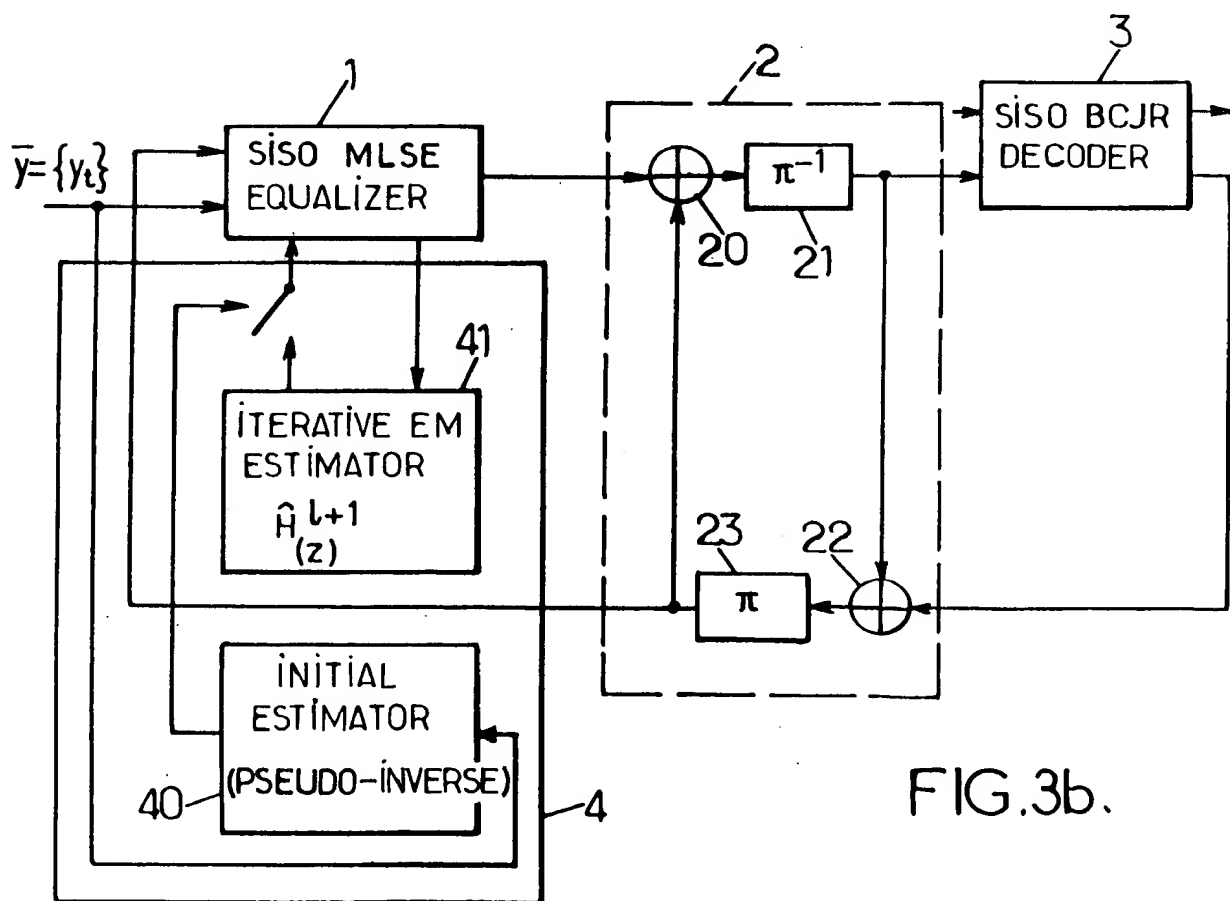
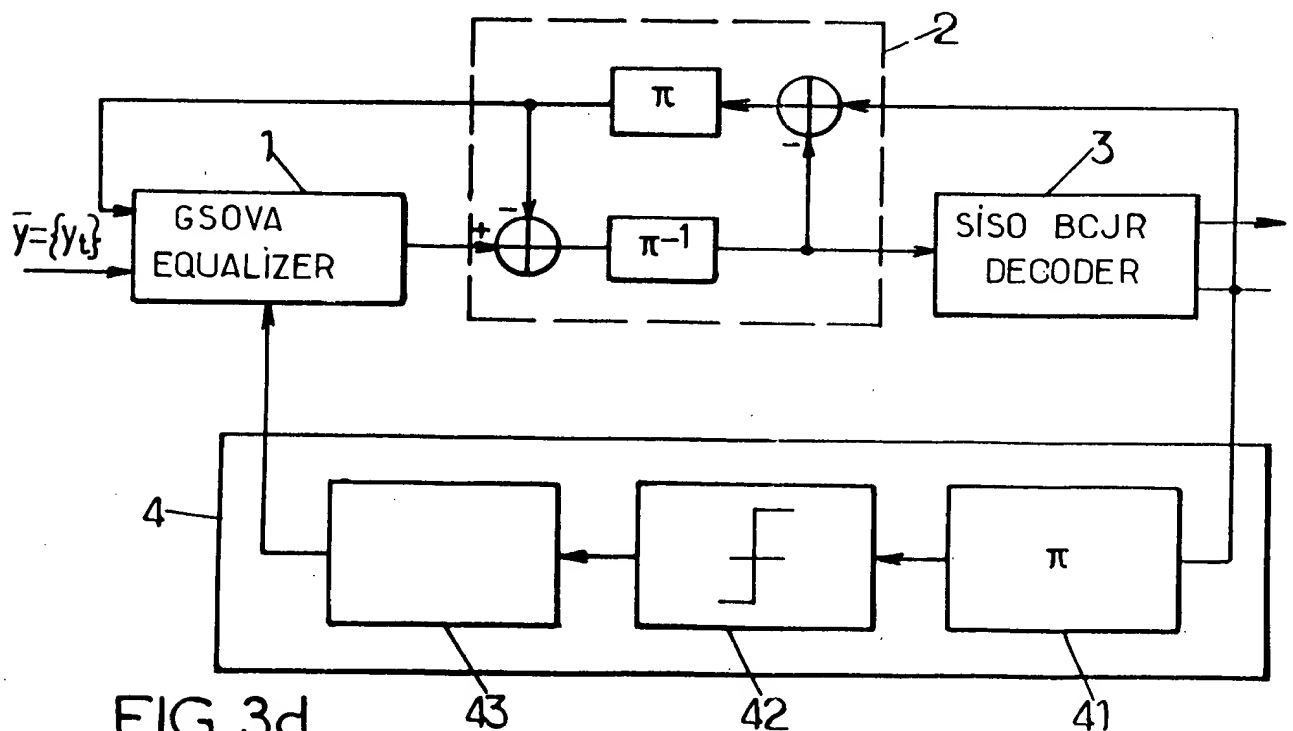
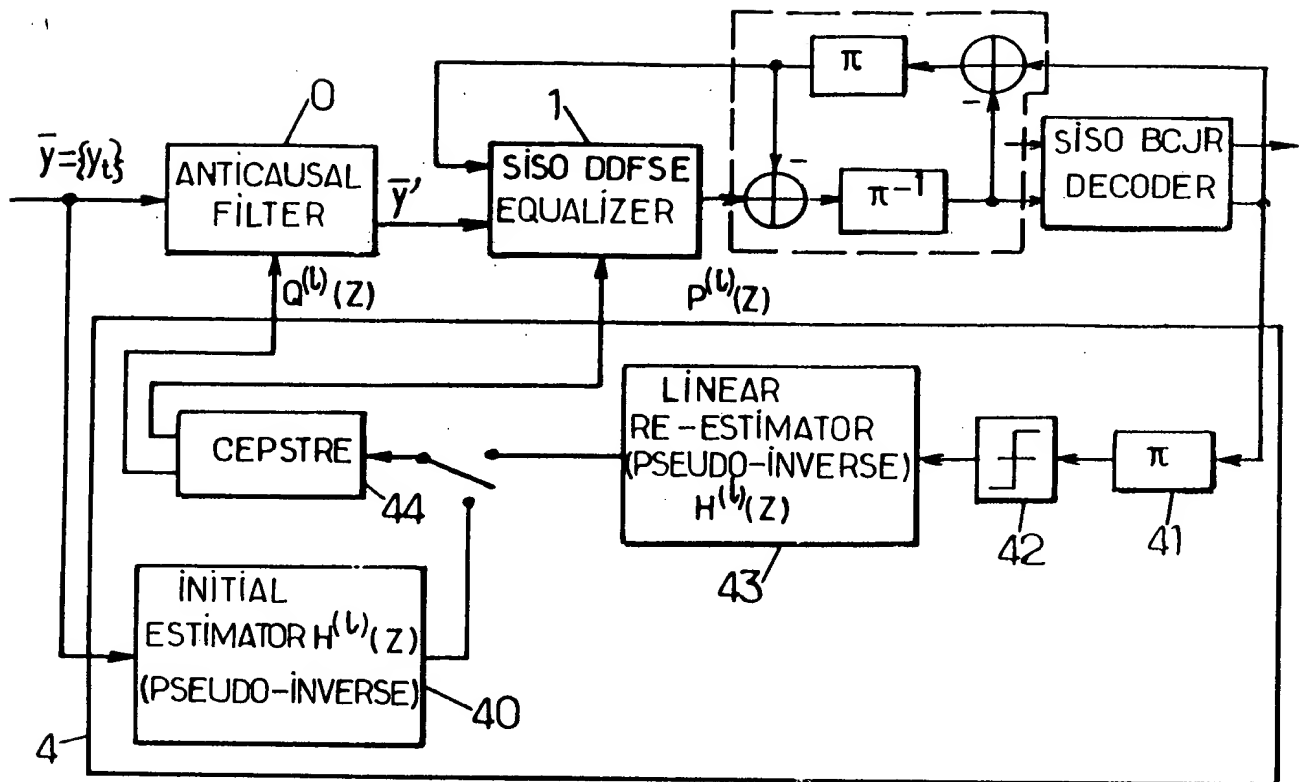


FIG. 3b.



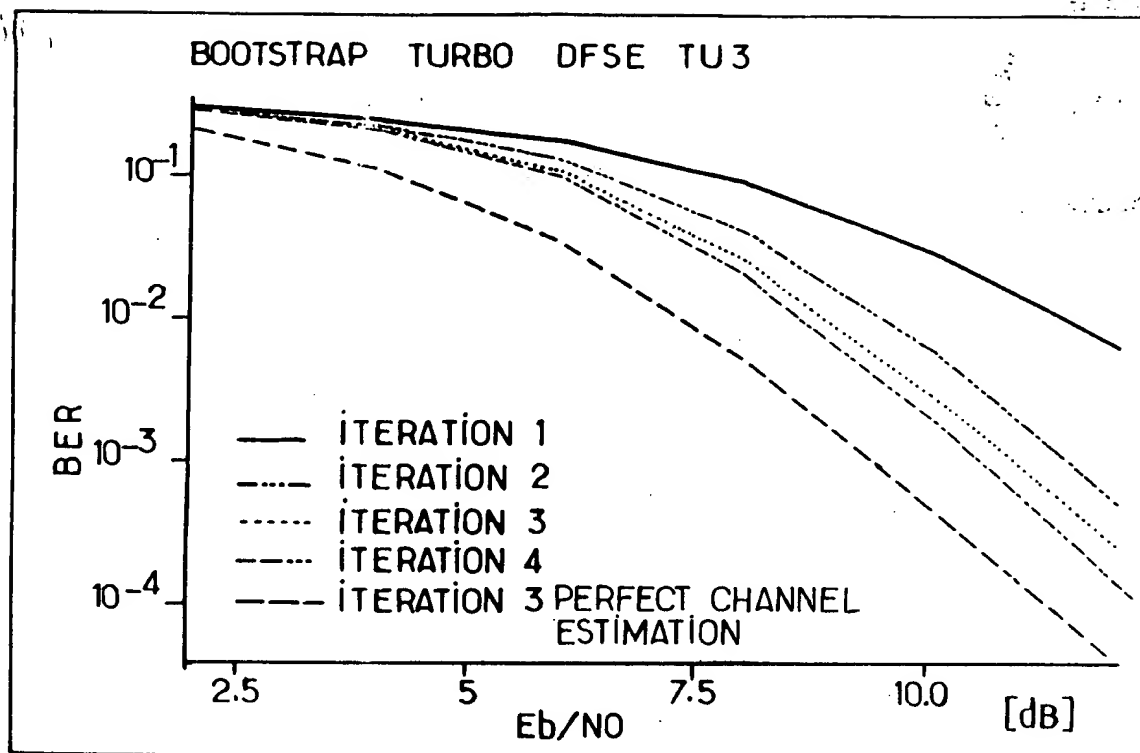


FIG.4a.

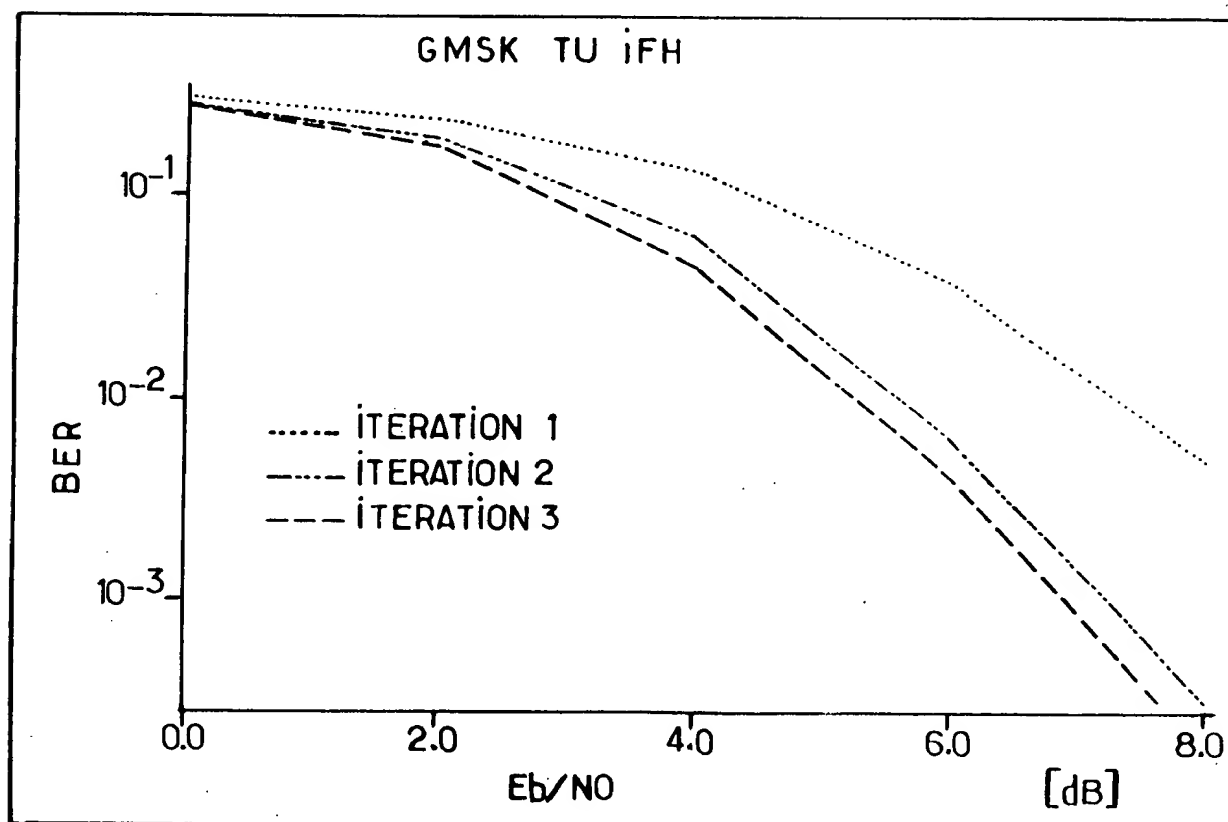


FIG.4b.